**PSEP Summer Institute 2013 AT A GLANCE**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Time  M-T | **Monday**  Learning about  Explanation | **Tuesday**  Learning about Engineering | Time  W-F | **Wednesday**  Explanation  Workgroups | **Thursday**  Engineering  Workgroups | **Friday**  Finalizing Workgroups |
| **Early Morning**  Whole Group | Overview/Goals  Review/June Feedback  Marcie Maxwell Greeting  Explanation in Framework, NGSS, CCSS  Write an initial Scientific Explanation  Provide feedback on a student explanation | Overview of day  Learning about Technology (Is it technology?)  Learning about Engineering process | **Early Morning**  Whole Group  8-9 am | Setting the goals for small group work  Preview tools and protocols for enhancing explanation & argumentation  Introduce Facilitators & STEM Professionals | Check in/Reflection  Set task & goals of day  Preview tools and protocols for enhancing engineering | Small Groups- Refine all unit plans  PSEP team checks in on all groups. |
| **Late Morning**  Whole Group | CER Framework  Connections to everyday explanations | Engineering Challenge immersion | **Late Morning**  Grade Level Groups  9-11:30 | Facilitators and STEM professionals lead teams in Explanation work  Leverage STEM Professional to examine IM | Share previous day work with STEM Professionals  Facilitators and STEM professionals lead teams in Engineering work | Small Groups- Refine all unit plans |
| LUNCH |  |  | LUNCH  11:30 12:30 | STEM professionals provide lightning talks? | STEM professionals provide lightning talks? | STEM professionals provide lightning talks? |
| **Early Afternoon**  Small Groups:  3-5  6-8 | Examine grade appropriate student work, CER instructional tools, rubrics, etc | Examine grade appropriate examples of design challenges | **Early Afternoon**  Grade Level Groups  12-30-3:00 | Facilitators lead teams in Explanation work | Facilitators lead teams in adding Engineering Process to Instructional Materials | Prepare to present work to whole group.  Each team showcases their work to whole group: Gallery walk? |
| **Late Afternoon**  small group  3-5  6-8 | Preview strategies/video of teaching CER to students  Preview CER book  Make initial connections to IMs | Make initial connections to instructional materials | **Late Afternoon**  Whole Group  3-3:30 | Check in on group work  Sharing  Feedback on protocols, etc | Check in on group work  Sharing  Feedback on protocols, etc | Report on IM Modifications  Feedback  Evaluation  Reflection  Logistics: website, communication delivering instruction |
| **Evaluation** | Exit Ticket 1 | Exit Ticket 2 | **Evaluation** | Progress Check | Progress Check | - Supplemented Unit Plans  - Full Week Evaluation |
| **Homework** | CER Book Ch.2 | Cary Sneider Article | **Homework** |  |  |  |

**Dates:** August 19-23, 2013 **Times:** 8am-3:30 pm **Location:** Dimmitt Middle School- Renton School District